

INTERNATIONAL SEARCH REPORT

International Application No
PC 7 GB2004/005190

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01V9/00 G01B13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01V G01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 371 517 A (ROTH GABRIEL) 5 March 1968 (1968-03-05) column 1, line 44 - line 50 column 1, line 64 - line 66 column 3, line 31 - line 39	1, 7, 11, 17
X	GB 1 239 431 A (AUGER) 14 July 1971 (1971-07-14) page 1, line 10 - line 13 page 1, line 25 - line 45 page 2, line 12 - line 29 figures 1, 2	7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

16 March 2005

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31/03/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 10, 17 November 2000 (2000-11-17) -& JP 2000 186972 A (OMRON CORP), 4 July 2000 (2000-07-04) abstract figure 1	1,7,11, 17
A	US 2 985 399 A (DIGEL DAVID B) 23 May 1961 (1961-05-23) column 1, line 20 - line 31 column 1, line 64 - column 2, line 18 figure 1	1-21
A	US 4 724 701 A (MON ET AL) 16 February 1988 (1988-02-16) column 2, line 9 - line 21 figure 1	1-21
A	DE 22 37 722 A1 (FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.,) 21 February 1974 (1974-02-21) page 3, paragraph 2 - page 4, paragraph 3 page 6, paragraph 2 page 7, paragraph 4 - page 8, paragraph 1 figure 1	1-21
A	PATENT ABSTRACTS OF JAPAN vol. 009, no. 167 (P-372), 12 July 1985 (1985-07-12) -& JP 60 042679 A (ROOMU KK), 6 March 1985 (1985-03-06) abstract figures 1,2	1-21

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information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3371517	A	05-03-1968	NONE	
GB 1239431	A	14-07-1971	DE 1773423 A1	24-06-1971
			FR 1561890 A	28-03-1969
			SE 337703 B	16-08-1971
			US 3460375 A	12-08-1969
			US 3422666 A	21-01-1969
JP 2000186972	A	04-07-2000	NONE	
US 2985399	A	23-05-1961	NONE	
US 4724701	A	16-02-1988	NONE	
DE 2237722	A1	21-02-1974	NONE	
JP 60042679	A	06-03-1985	NONE	